

PATENT  
KIK01 P322



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 2863  
Examiner : Xiuquin Sun  
Applicant : Kenichiro Kobayashi  
Serial No. : 09/838,905  
Filed : April 20, 2001  
Confirmation No. : 1673  
For : **METHOD AND APPARATUS TO MEASURE AMOUNT OF  
MOVEMENT USING GRANULAR SPECK PATTERN GENERATED  
BY REFLECTING LASER BEAM**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

AMENDMENT

Responsive to the Office Action mailed June 4, 2002, please amend the above-identified application as follows. A marked-up copy of the claims being amended follows in Appendix A.

In the Claims

Please amend claims 1, 2, 6, 7, 8, and 13 as follows:

1. A lensless method for measuring the amount which an object to be measured has moved in a plane and back-and-forth using a granular speck pattern generated by a reflecting laser beam in non-contact fashion comprising steps of:

irradiating an object to be measured with a laser beam;

directly detecting the granular speck pattern generated by the reflecting laser beam by a detector and using the detected speck pattern as an index;

moving the object toward or away from the detector;

9/A  
S. Rye  
9/19/02

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